# SOLAR SYSTEM PLASMA PHYSICS: RESOLUTION OF PROCESSES IN SPACE AND TIME

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#### Yosemite 1993

# 1. Onsager and Fuselier

The Location of Magnetic Reconnection for Northward and Southward IMF

## 2. Denton et al.

Ion Anisotropy Driven Waves in the Earth's Magnetosheath and Plasma Depletion Layer

#### 3. Cao et al.

Searching for Signatures of Magnetospheric Cavity Mode in the Earth's Dayside Magnetosphere

#### 4. Li

Solar Flare Hard X-Ray Angular Distribution and its Time Evolution

#### 5. Lin et al.

The NASA High Energy Solar Physics (HESP) Mission for the Next Solar Maximum

## 6. Cargill

The Experimental Signatures of Coronal Heating Mechanism

#### 7. Goldman and Newman

Space-Timne Structure of Langmuir Turbulence in the Lower Solar Corona

#### 8. Priest

Heating of X-ray Bright Points and Other Coronal Structures

## 9. Baker et al.

Multispacecraft Study of Substorm Growth and Expansion Phase Features Using a Time-Evolving Field-Model

# 10. Lundin et al.

First High-Resolution Measurements by the Freja Satellite

# 11. Milovanov and Zelenyi

Development of Fractal Structure in the Solar Wind and Distribution of Magnetic Field in the Photosphere

## 12. Urrutia et al.

Magnetic Dipole Antennas in Moving Plasmas: a Laboratory Simulation

#### 13. Rousculp et al.

Multidimensional Fourier Analysis of a Whistler Pulse Excited by a Loop Antenna

# 14. Stenzel et al.

Thermal Magnetic Fluctuations in Maxwellian and Non-Maxwellian Plasmas at Whistler and Electron Cyclotron Harmonic Frequencies

#### 15. Hardman

"Smallsats" for Space Physics: Technology and Launch Options

#### 16. Funsten et al.

Imaging of Magnetospheric Dynamics Using Low Energy Neutral Atom Detection

# 17. Reeves et al.

The Structure and Dynamics of the Plasma Sheet during the Galileo Earth-1 Flyby

# 18. Gallagher

The Inner Magnetosphere Imager Mission

# 19. Winglee et al.

Temporal and Spatial Signatures in the Injection of Magnetosheath Plasma into the Cusp/Cleft

# 20. Vaisberg et al.

Structure of the Venus Tail

#### 21. McComas

The Evolution of the IMF

# 22. Ganguli et al.

Interaction between Global MHD and Kinetic Processes in the Magnetotail

# 23. Knudsen et al.

Temporal Evolution and Spatial Dispersion of Ion Conics: Evidence for a Polar Cusp Heating Wall

# 24. Gosling

The Solar Flare Myth in Solar-Terrestrial Physics

#### 25. Hill

The Shape and Size of Convection Cells in the Jovian Magnetosphere

## 26. Omidi

Generation and Nonlinear Evolution of Oblique Magnetosonic Waves: Application to Foreshock and Comets

## 27. Karimabadi

Ion Scattering and Acceleration by Low-Frequency Waves in a Cometary Environment

28. Russell
Magnetospheric and Solar Wind Studies with Co-orbiting Spacecraft

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